

## Abstract

A fuel injector (1), in particular for the direct injection of fuel into the combustion chamber of a mixture-compressing internal combustion engine having external ignition, includes a valve housing formed by a nozzle body (3), and a seal (10) which seals the fuel injector (1) from a cylinder head (5) of the internal combustion engine. The seal (10) has a sleeve-type design with a structured cross section and extends across the axial length of the nozzle body (3).

10 (Fig. 2)